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(54) **METHOD AND SYSTEM FOR CONTROLLED MEDIA SHARING IN A NETWORK**

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(52) **U.S. Cl.**
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,041,123 A	3/2000	Colvin
6,330,675 B1	12/2001	Wiser et al.
6,389,538 B1	5/2002	Gruse et al.
6,611,812 B2	8/2003	Hurtado et al.
6,629,146 B1	9/2003	Mohri

6,681,326 B2	1/2004	Son et al.
6,691,149 B1	2/2004	Yokota et al.
6,868,403 B1 *	3/2005	Wiser et al. 705/51
6,941,454 B1 *	9/2005	Spraggs 713/150
6,983,371 B1	1/2006	Hurtado et al.
6,988,199 B2	1/2006	Toh et al.
7,089,309 B2	8/2006	Ramaley et al.
7,184,986 B2	2/2007	Ishibashi et al.
7,209,892 B1	4/2007	Galuten et al.
7,228,427 B2	6/2007	Fransdonk
7,308,717 B2	12/2007	Koved et al.
7,315,950 B1	1/2008	Baransky et al.
7,369,660 B1	5/2008	Kahn et al.
7,567,647 B1	7/2009	Maltz
7,567,674 B2	7/2009	Nishimoto et al.
7,590,844 B1	9/2009	Sherman et al.
8,255,488 B2	8/2012	Tanaka et al.
2001/0011305 A1 *	8/2001	Barker 709/237
2001/0016836 A1	8/2001	Boccon-Gibod et al.
2001/0044786 A1	11/2001	Ishibashi
2002/0004902 A1	1/2002	Toh et al.
2002/0059238 A1	5/2002	Saito
2002/0120847 A1	8/2002	Kamperman

(Continued)

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(57) **ABSTRACT**

A method for controlling media sharing among a plurality of nodes in a network. The present method is comprised of availing to the network an instance of media content for sharing among the plurality of nodes by a source node communicatively coupled to the network. The present method further includes decrypting the instance of media content from an encryption local to the source node. The present method further includes encrypting the instance of media content into an intermediate encryption. The present method further includes transferring the instance of media content to a node while the instance of media content is in the intermediate encryption. The node is associated with the network. The decrypting and the encrypting and the transferring are in response to receiving a request for the instance of media content from the node.

32 Claims, 24 Drawing Sheets